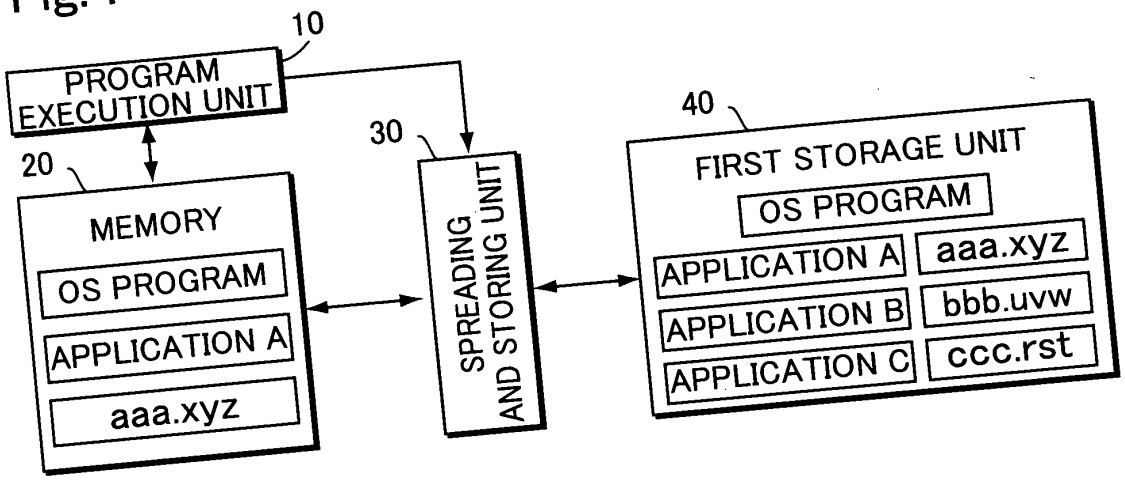
Fig.1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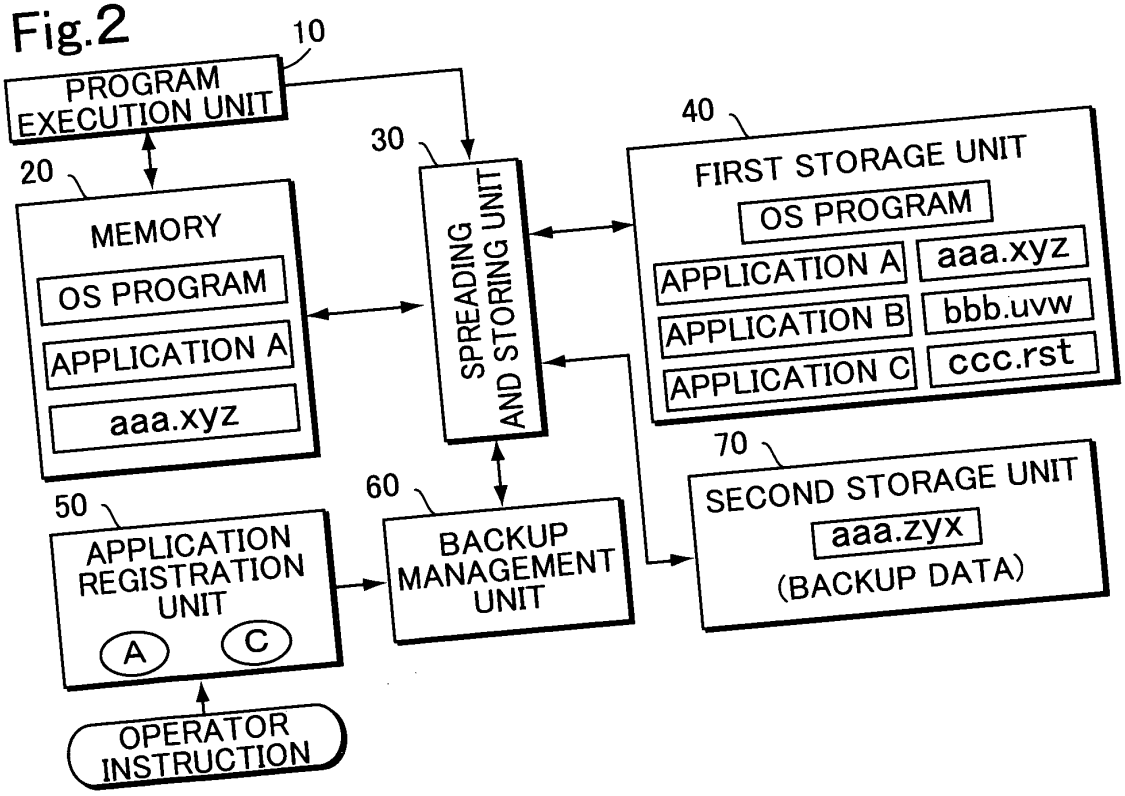
PROGRAM EXECUTION UNIT
20
MEMORY
OS PROGRAM
APPLICATION A
aaa.xyz
30
SPREADING AND STORING UNIT
40
FIRST STORAGE UNIT
OS PROGRAM
APPLICATION A
aaa.xyz
APPLICATION B
bbb.uvw
APPLICATION C
ccc.rst

Fig.2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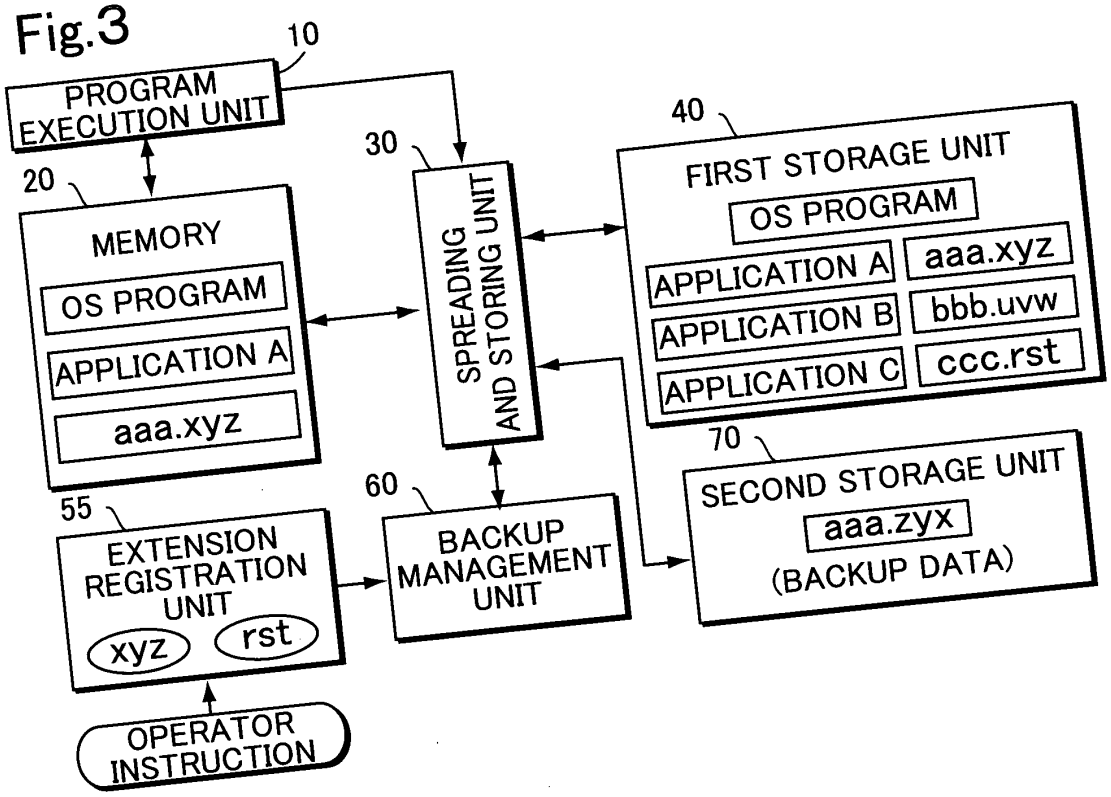
PROGRAM EXECUTION UNIT
20
MEMORY
OS PROGRAM
APPLICATION A
aaa.xyz
30
SPREADING AND STORING UNIT
40
FIRST STORAGE UNIT
OS PROGRAM
APPLICATION A
aaa.xyz
APPLICATION B
bbb.uvw
APPLICATION C
ccc.rst
50
APPLICATION REGISTRATION UNIT
A
C
60
BACKUP MANAGEMENT UNIT
70
SECOND STORAGE UNIT
aaa.zyx
(BACKUP DATA)
OPERATOR INSTRUCTION

Fig.3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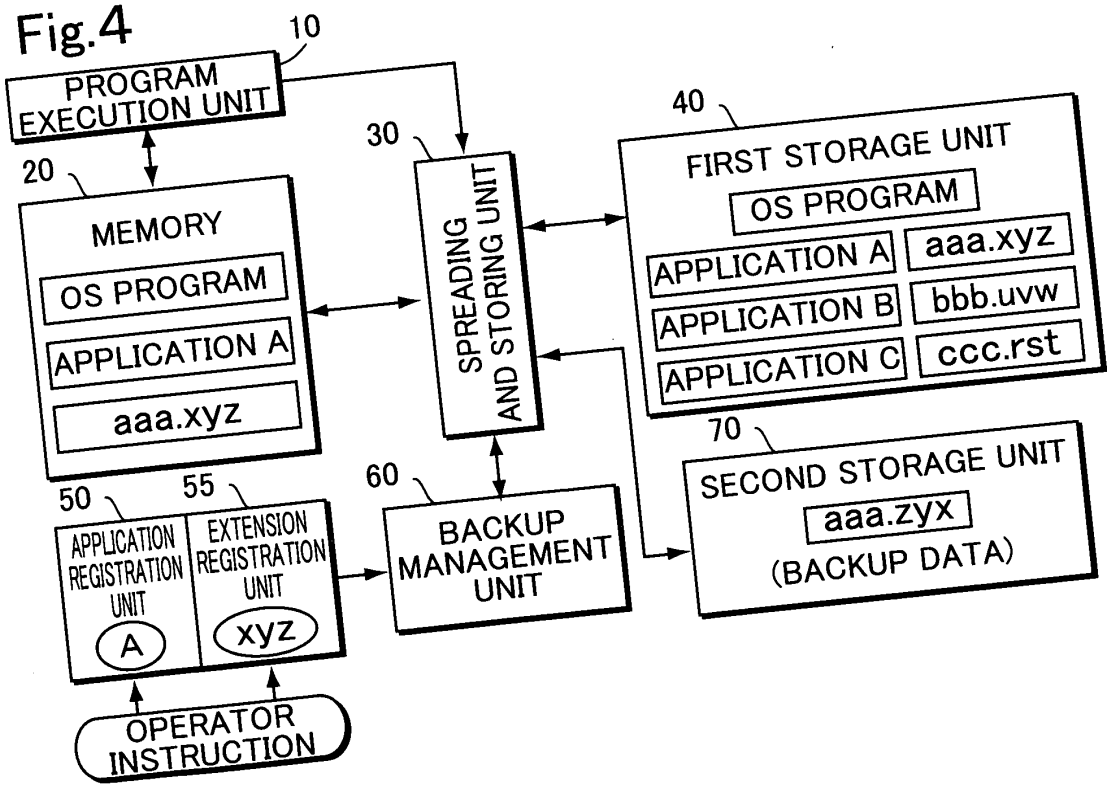
PROGRAM EXECUTION UNIT
20
MEMORY
OS PROGRAM
APPLICATION A
aaa.xyz
30
SPREADING AND STORING UNIT
40
FIRST STORAGE UNIT
OS PROGRAM
APPLICATION A
aaa.xyz
APPLICATION B
bbb.uvw
APPLICATION C
ccc.rst
70
SECOND STORAGE UNIT
aaa.zyx
(BACKUP DATA)
55
EXTENSION REGISTRATION UNIT
xyz
rst
60
BACKUP MANAGEMENT UNIT
OPERATOR INSTRUCTION

Fig.4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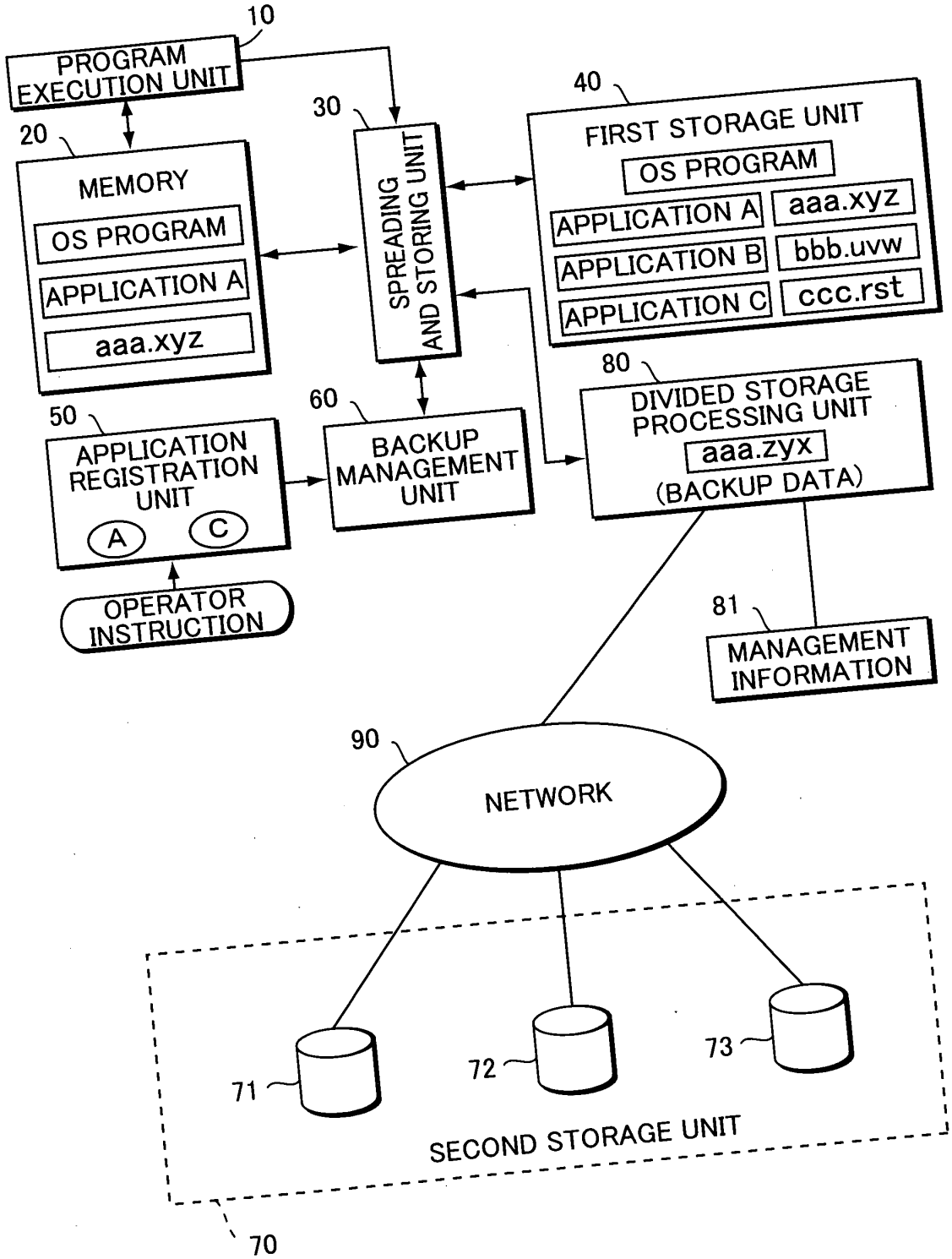
PROGRAM EXECUTION UNIT
20
MEMORY
OS PROGRAM
APPLICATION A
aaa.xyz
30
SPREADING AND STORING UNIT
40
FIRST STORAGE UNIT
OS PROGRAM
APPLICATION A
aaa.xyz
APPLICATION B
bbb.uvw
APPLICATION C
ccc.rst
70
SECOND STORAGE UNIT
aaa.zyx
(BACKUP DATA)
50
APPLICATION REGISTRATION UNIT
A
55
EXTENSION REGISTRATION UNIT
xyz
60
BACKUP MANAGEMENT UNIT
OPERATOR INSTRUCTION

Fig.5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PROGRAM EXECUTION UNIT
20
MEMORY
OS PROGRAM
APPLICATION A
aaa.xyz
30
SPREADING AND STORING UNIT
40
FIRST STORAGE UNIT
OS PROGRAM
APPLICATION A
aaa.xyz
APPLICATION B
bbb.uvw
APPLICATION C
ccc.rst
50
APPLICATION REGISTRATION UNIT
A
C
OPERATOR INSTRUCTION
60
BACKUP MANAGEMENT UNIT
80
DIVIDED STORAGE PROCESSING UNIT
aaa.zyx
(BACKUP DATA)
81
MANAGEMENT INFORMATION
90
NETWORK
71
72
73
SECOND STORAGE UNIT
70